

CLAIMS

1. Method comprising:

storing a source database on a source, with the source database having a plurality of source tables, with the plurality of source tables having a key field, with the source database having at least one relationship between one table in the source database and another table in a source database using the key field, and with the source database having source data in at least one of the plurality of source tables, with the source data related to the key field;

storing a target database on a target, with the target database having a plurality of target tables, with the plurality of target tables having the key field;

providing select data; and

only refreshing at least one of the plurality of target tables with the source data .

2. The method of claim 1 with storing the source database further comprising linking the plurality of source tables to determine an include list of tables from the plurality of source tables that exclude tables that contain static data.

3. The method of claim 2 with the static data being configuration data.

4. The method of claim 1 with storing the source database further comprising generating a table linking list relating each one of the plurality of target tables with the key field and a send program.

5. The method of claim 4 with generating the table linking list further comprises selecting a preferred send program.

6. The method of claim 4 with refreshing the at least one of the plurality of target tables further comprises refreshing with the send program related to the at least one of the plurality of target tables.

7. The method of claim 1 with storing the source database further comprising generating a filter table linking list relating one of the plurality of source tables with a nonkey field and a condition.

8. The method of claim 1 with refreshing the at least one of the plurality of target tables further comprises providing a user specified data value to refresh.

9. The method of claim 1 with refreshing the at least one of the plurality of target tables further comprising hierarchically decomposing the source data in the source database from the select data.

10. The method of claim 9 with storing the source database further comprising generating a table linking list relating each one of the plurality of source tables with the key field and a send program.

11. The method of claim 10 with refreshing the at least one of the plurality of target tables further comprising refreshing with the send program related to one of the plurality of target tables.

12. Apparatus comprising, in combination:

- a production system having a production database;

- a production storage connected to the production system to store the production database with the production database having at least two tables, and a multitable linked data structure between at least two tables;

- a development system connected to the production system, with the development system having a development database;

- a development storage for storing the development database connected to the development system;

- a user interface for accepting a selected data item; and

- a linked database transfer system executing on the production system and the development system such that the linked database transfer system refreshes the development data base of the development system for the selected data item.

13. The apparatus of claim 12 further comprising, in combination, a test system connected to the production system, with the test system having a test database; and with the test system having a test storage connected to the test system for storage of the test database.

14. The apparatus of Claim 13 further comprising, in combination, a training system connected to the test system and the development system; and a training system storage connected to the training system.

15. Method comprising setting up a source database having a plurality of tables with each one of the plurality of tables having a key field; linking the source database to correlate the at least one table, the key field and a transfer program; selecting at least one key field value for refresh; sending at least one table for transfer by the transfer program; and receiving at least one table for refresh into a target database.

16. Method comprising:

writing a database of a plurality of tables with the tables each having a name with at least one of the plurality of tables having static data;

generating an exclusion list by examining records in the database of tables; and

entering the names of tables in the exclusion list that have static data in database of tables.

17. The method of Claim 16 with generating the exclusion list further comprises appending predetermined tables to the exclusion list.

18. The method of Claim 17 with appending the predetermined tables for the exclusion list comprises using a programmatic list.

19. Method comprising:

operating a source database having a plurality of data items;

operating a target database;

selecting at least one data item from the source database; and

refreshing the target database with data items from the plurality of data items in the source database only having a database relationship with the selected at least one data item.

20. The method of claim 19 with refreshing the target database further comprises refreshing the target database with data items from the plurality of data items in the source database only having a data table database relationship with the selected at least one data item.

21. The method of claim 19 with refreshing the target database further comprises refreshing the target database with data items from the plurality of data items in the source database only having a data table key field based database relationship with the selected at least one data item.

22. Apparatus comprising:

means for operating a source database having a plurality of data items;

means for operating a target database;

means for selecting at least one data item from the source database;

means for refreshing the target database with data items from the plurality of data items in the source database only having a database relationship with the at least one data item by the selecting means.

23. The apparatus of claim 22 with the refreshing means further comprising a means for refreshing the target database with data items from the plurality of data items

in the source database only having a data table based database relationship with the selected at least one data item with the database relationship being a relationship.

24. The apparatus of claim 22 with the means for refreshing the target database further comprises a means for refreshing the target database with data items from the plurality of data items in the source database only having a data table key field database relationship with the selected at least one data item.